

In the claims

1. (Currently Amended) A method of sending data from a first computing device to at least one of a plurality of second computing devices over a wireless digital packet-switched network, the method comprising:

initiating a first application on a first computing device including a wireless digital packet-switched modem, the first application for accessing and retrieving legacy data from a remote system via a protocol server;

initiating a second application on the first computing device, the second application providing an instant messaging service and enabling instant messaging data to be sent from the first computing device to the at least one of the plurality of second computing devices an instant messaging server via the protocol server over a wireless digital packet-switched network;

generating data to be sent from the first computing device to the at least one of the plurality of second computing devices, wherein data is generatable from the first application as a request to the remote system and from the second application as an instant message and is transmitted by way of [[a]] the wireless digital packet-switched modem;

initiating a request to a modem controller for access to the wireless digital packet-switched modem; and

transmitting the generated data from the first computing device to the second computing device protocol server for delivery of the request to the legacy system and for delivery of the instant message to the instant messaging server.

2. (Original) The method of claim 1, wherein the first application can access a plurality of remote data systems.

3. (Cancelled)

4. (Currently Amended) The method of claim [[3]] 1, wherein the instant message is addressed to a user represented by a user identifier.

5. (Currently Amended) The method of claim 4, wherein the user identifier comprises one of a group of allowed recipients, the method further comprising detecting at the instant messaging server whether the user identifier is of the group of allowed recipients, and delivering the message to the recipient only when the user identifier is of the allowed group.

6. (Original) The method of claim 1, further comprising establishing an interactive connection between the first computing device and the second computing device.

7. (Currently Amended) A computer-readable medium containing computer-executable instructions for performing the method of claim 1, acts comprising:

initiating a first application on a first computing device including a wireless digital packet-switched modem, the first application for accessing and retrieving legacy data from a remote system via a protocol server;

initiating a second application on the first computing device, the second application providing an instant messaging service and enabling instant messaging data to be sent from the first computing device to an instant messaging server via the protocol server over a wireless digital packet-switched network;

generating data to be sent from the first computing device to the at least one of the plurality of second computing devices, wherein data is generatable from the first application as a request to the remote system and from the second application as an instant message and is transmitted by way of the wireless digital packet-switched modem;

initiating a request to a modem controller for access to the wireless digital packet-switched modem; and

transmitting the generated data from the first computing device to the protocol server for delivery of the request to the legacy system and for delivery of the instant message to the instant messaging server.

8. (Currently Amended) A method of receiving data sent from a first computing device to at least one of a plurality of second computing devices over a wireless digital packet-switched network, the method comprising:

at a protocol server, receiving data from a messaging application running on a computing device over a wireless digital packet-switched network, while maintaining contact with a remote systems accessing application running on the computing device via the wireless digital packet-switched network;

forwarding the data from the messaging application to a messaging server via the protocol server;

determining an intended recipient of the data at the messaging server; and  
forwarding the data from the messaging server to the intended recipient.

9. (Currently Amended) ~~A computer readable medium containing computer-executable instructions for performing the~~ The method of claim 8, further comprising at the protocol server receiving a request for legacy data from the remote systems accessing application via the wireless digital packet-switched network and forwarding the request to a remote system.

10. (Currently Amended) A system for sending data over a wireless digital packet-switched network from a first computing device to at least one of a plurality of second computing devices, the system comprising:

a first computing device including a wireless digital packet-switched modem, the first computing device implementing a remote systems accessing application that generates requests for legacy data and an instant message application that generates instant messages, the requests and instant messages being communicated via the wireless digital packet-switched modem;

a modem controller that controls access to the wireless digital packet-switched network; and

a wireless digital packet-switched network; and

a computer system comprising at least one of a plurality of second computing devices, the plurality of second computing devices comprising a protocol server, remote

systems containing legacy data, and an instant messaging server, and wherein the protocol server receives the requests and forwards them to the remote systems and receives the instant messages and forwards them to the instant messaging server.

11.(New) The method of claim 1, wherein transmitting the generated data from the first computing device to the protocol server for delivery of the request to the legacy system and for delivery of the instant message to the instant messaging server comprises transmitting the generated data including the request to the legacy system and the instant message via an X.25 protocol.

12.(New) The computer readable medium of claim 7, wherein the act of transmitting the generated data from the first computing device to the protocol server for delivery of the request to the legacy system and for delivery of the instant message to the instant messaging server comprises transmitting the generated data including the request to the legacy system and the instant message via an X.25 protocol.

13. (New) The system of claim 10, wherein the wireless packet-switched modem communicates over the wireless packet-switched communication network via an X.25 protocol